



PUBLIC NOTICE: INFORMATION ON CHAPARRAL COVE (former PUTAH CREEK RESORT) AT 7600 KNOXVILLE ROAD, NAPA, CA

The California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) invites public comment on the soil and groundwater remediation project, proposed on behalf of the United States Bureau of Reclamation, for previous leaking underground storage tanks (USTs) at the former Putah Creek Resort, at 7600 Knoxville Road, Napa. A map showing the location of the site is attached (Figure 1).

This fact sheet is being sent out to inform residents and interested parties of the proposed monitoring and clean up (remediation) of soil and groundwater pollution at the former Putah Creek Resort and seek comments on the proposed plan.

CONTACTS

Questions or Additional Information
Contact:

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Central Valley Water Board
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PUBLIC COMMENT PERIOD:
2 September 2010 through 1 October 2010

Case Summary: A concessionaire operated two 8,000-gallon USTs at the former Putah Creek Resort until removal of the tanks in 1995. The presence of petroleum-contaminated soil was confirmed at the site in May 1993. During tank removal in 1995, approximately 4,000 cubic yards of contaminated soil were removed to a depth of 23 feet. Soil was stockpiled on site and aerated until samples indicated that gasoline concentrations had reduced below levels protective of human health and the environment. The excavated soil was used for surface grading and fill material for construction of a boat storage pad.

Groundwater monitoring wells were constructed at the site between 1999 and 2001 that detected high levels of gasoline in the groundwater. Groundwater at the site has been found to range from 2 to 25 feet below ground surface, depending on the lake level.

Previous cleanup actions have included groundwater oxidation and groundwater extraction and treatment. A groundwater oxidation system was installed in 2002 in an attempt to lower concentrations of gasoline by encouraging bacterial action; the oxidation system operated until 2004. A groundwater extraction and treatment system was constructed in 2004 and operated from April 2005 to August 2008. The groundwater extraction system was discontinued because extraction was found to be ineffective in removing the contaminated groundwater. The estimated extent of the total petroleum hydrocarbon plume, as sampled during May 2010, is shown in Figure 2.

All land in this area is owned by the Federal Government and managed by the U. S. Bureau of Reclamation.

What is happening now?

The U. S. Bureau of Reclamation has proposed additional investigation activities and performance of a 3-day dual phase extraction pilot test as precursors to design of a final remediation plan. Proposed boring locations are shown on Figure 2. Based on results of the additional investigation, the U.S. Bureau of Reclamation and their contractor may perform additional excavation and disposal of polluted soil.

Where can I get more information?

The State Water Resources Control Board maintains an on-line database called GeoTracker. All technical reports, test results, regulatory activities, and much more are available on the GeoTracker web site; the Global ID for this Site is T0605500304. This database is accessible to the public at the following web address:

<http://geotracker.waterboards.ca.gov/>

The paper case file for the site is available for review at the Central Valley Water Board main office at 11020 Sun Center Drive #200, Rancho Cordova, CA 95670.

Information repositories and all Fact Sheets will be available for review at Reclamation's Lake Berryessa Field Office, 5520 Knoxville Road, Napa, CA 94558 and on the following Reclamation website:

<http://www.usbr.gov/mp/ccao/berryessa/index.html>.

How do I participate and who can I contact if I have questions?

The public comment period to respond on the proposed remedial action runs from 2 September 2010 to 1 October 2010. You may submit comments or ask questions about the project at any time. You are welcome to call, write, or e-mail the State regulator overseeing the project at:

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Figure 1: Overview of Lake Berryessa, Putah Creek Site is circled in red.

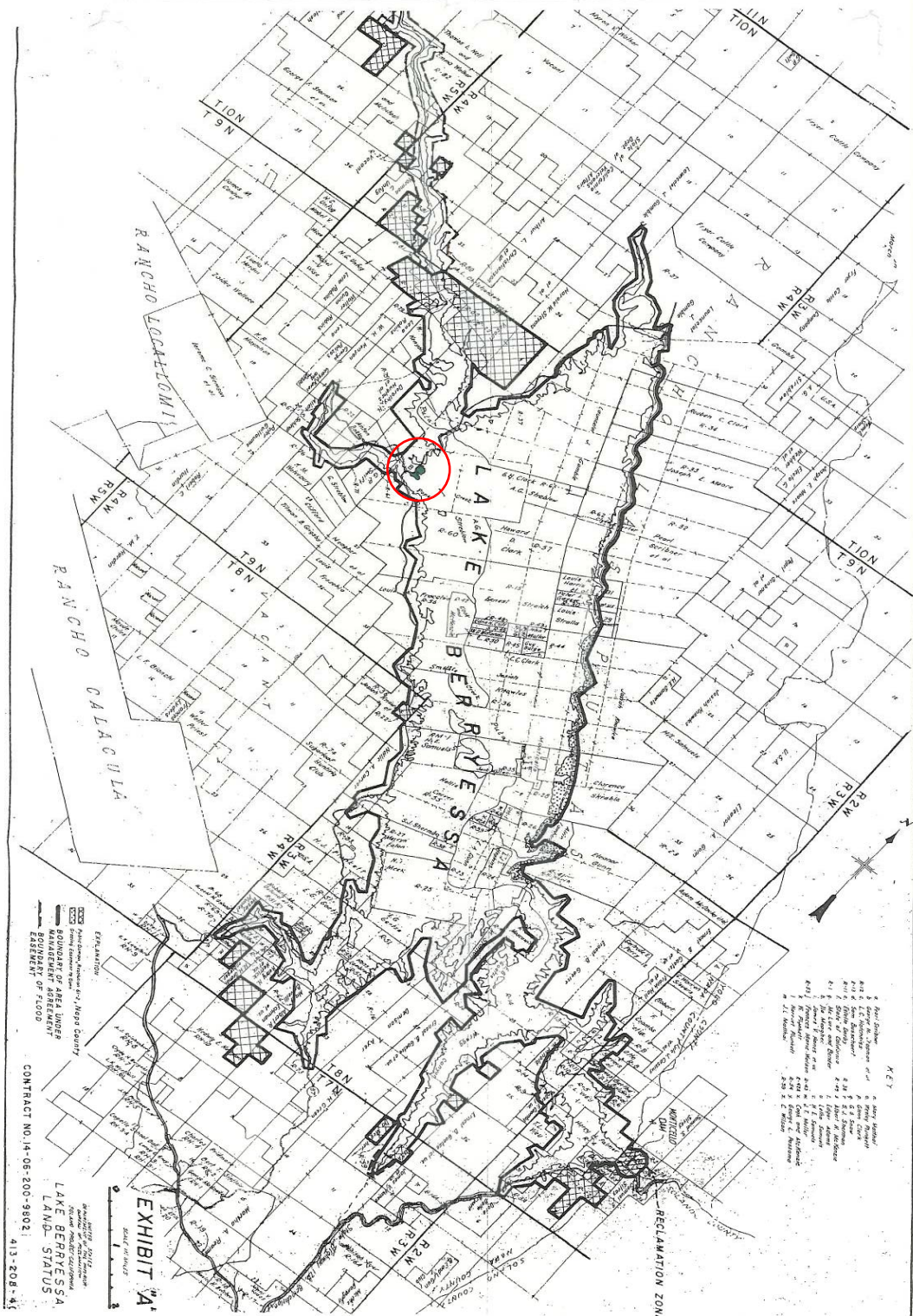


Figure 2: TPH concentrations

